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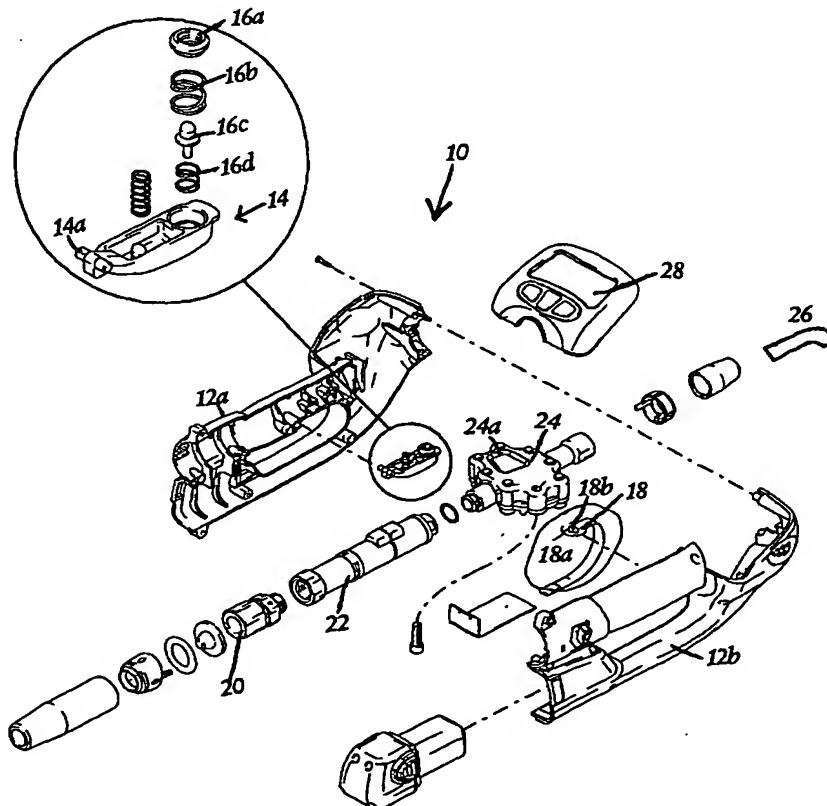
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(54) Title: USE OF PRESSURE SENSITIVE MEMBRANE AND SOLENOID ACTUATED VALVE FOR ELECTRONIC DISPENSE CONTROL



(57) Abstract: The invention replaces mechanical actuation of the valve (22) in lubricant dispense meters (10) to provide a software driven method of controlling the dispense of fluids. The design utilizes either a pressure sensitive membrane switch or a multi-position membrane switch (18) in conjunction with either a multistage solenoid actuated valve, a proportional solenoid actuated valve or an on/off solenoid actuated valve (22) to provide operator or programmed control of lubricant dispense frequency and flow rate via the meter's microprocessor.